

## Workplace Specialist License Titles

### AGRICULTURE - 500

| REQUIRED OCCUPATIONAL BACKGROUND | DOE STATE-APPROVED COURSE TITLE | WORKPLACE SPECIALIST LICENSE TITLE                   | DOE # |
|----------------------------------|---------------------------------|--|-------|
| Agricultural Mechanics           | Agricultural Mechanization      | Agricultural Education: Agricultural Mechanics       | 5088  |
| Agricultural Production          | Animal Science                  | Agricultural Education: Animal Science               | 5008  |
|                                  | Plant and Soil Science          | Agricultural Education: Plant and Soil Science       | 5170  |
| Forestry, Agricultural Resources | Natural Resource Management     | Agricultural Education: Natural Resources Management | 5180  |
| Agricultural Supply and Services | Food Science                    | Agricultural Education: Food Science                 | 5102  |
|                                  | Agribusiness Management         | Agricultural Education: Agribusiness Management      | 5002  |
| Farm Management                  | Farm Management                 | Agricultural Education: Farm Management              | 5022  |
| Horticulture Science             | Horticultural Science           | Agriculture Education: Horticulture Science          | 5132  |
|                                  | Landscape Management            | Agricultural Education: Landscape Management         | 5136  |

### BUSINESS SERVICES AND TECHNOLOGY - 700

| REQUIRED OCCUPATIONAL BACKGROUND   | DOE STATE-APPROVED COURSE TITLE                          | WORKPLACE SPECIALIST LICENSE TITLE   | DOE # |
|--|--|--|-------|
| Business Administration/ Management, General; Accounting   | Business Management and Finance                          | Business Services and Technology: Business Management & Finance                            | 5268  |
| Includes implementing computer systems and software, providing technical assistance, and managing information systems. | Information Technology: Information Support and Services | Business Services and Technology: Information Technology: Information Support and Services | 5230  |

|  |   |  |      |
|--|---|--|------|
| Focuses on the design, development, implementation, and maintenance of computer systems and software, requiring knowledge of computer operating systems, programming languages, and software development.  | Information Technology:<br>Programming and Software Development | Business Services and Technology:<br>Information Technology:<br>Programming and Software Development | 5236 |
| Focuses on network analysis, planning, and implementation; includes design, installation, maintenance, and management of network systems. (Cisco; Microsoft; Novell; Distance Communications Systems; or Voice, Text and Data Communication, etc)                      | Information Technology:<br>Network Systems                      | Business Services and Technology:<br>Information Technology: Network Systems                         | 5234 |
| Focuses on creating, designing, and producing interactive multimedia products and services; web data base management; includes development of digitally-generated or computer-enhanced media used in business, training, entertainment, communications, and marketing. | Information Technology:<br>Interactive Media                    | Business Services and Technology:<br>Information Technology:<br>Interactive Media                    | 5232 |

#### **FAMILY AND CONSUMER SCIENCES OCCUPATIONAL - 650**

| <b>REQUIRED<br/>OCCUPATIONAL<br/>BACKGROUND</b>   | <b>DOE STATE-APPROVED<br/>COURSE TITLE</b>                   | <b>WORKPLACE<br/>SPECIALIST LICENSE<br/>TITLE</b>  | <b>DOE<br/>#</b> |
|---|--|--|------------------|
| Institutional Food Workers, Managers, or Supervisors<br>Culinary Arts and Related Services                  | Culinary Arts Careers I, II, III                             | Occupational Family and Consumer Sciences: Culinary Arts and Food Service Management Occupations | 5440             |
| Clothing/Apparel/Fashion/Textiles Management, Production, Promotion, and Services                           | Fashion & Textiles Careers I, II, III                        | Occupational Family and Consumer Sciences: Apparel and Textiles Occupations                      | 5420             |
| Hotel Managers or Supervisors, Restaurant Management and Related Services                                   | Hotel Academy I, II, III                                     | Occupational Family and Consumer Sciences: Hotel Academy   | 5458             |
| Interior Design, Housing Design   | Housing & Interior Design Careers I, II                      | Occupational Family and Consumer Sciences: Housing & Interior Design Careers I, II               | 5460             |
| Residential and Institutional Facilities Management or Supervision (Custodial, Housekeeping, Home Services) | Residential & Commercial Facilities Management Careers I, II | Occupational Family and Consumer Sciences: Residential & Institutional Facilities Management     | 5472             |

#### **HEALTH OCCUPATIONS - 600**

| <b>REQUIRED<br/>OCCUPATIONAL<br/>BACKGROUND</b>                                    | <b>DOE STATE-APPROVED<br/>COURSE TITLE</b>                               | <b>WORKPLACE<br/>SPECIALIST LICENSE<br/>TITLE</b> | <b>DOE<br/>#</b>             |
|--|--|---|------------------------------|
| Pharmacy<br>Physical Therapist<br>Certified Physical Therapist<br>Registered Nurse | Anatomy & Physiology   | Health Occupations: Health Careers                | 5276                         |
| Dental Assisting<br>Dental Laboratory Assisting                                    | Dental Assisting I, II, III, IV<br>Introduction to Dental Health Careers | Health Occupations: Dental Careers                | 5203<br>5204<br>5205<br>5206 |

|   |   |   |                      |
|---|---|---|----------------------|
| Medical Assistant<br>Pharmacy<br>Certified Physical<br>Therapist<br>Registered Nurse<br>Surgical Technician | Health Career Practicum                       | Health Occupations:<br>Health Careers   | 5207                 |
| Pharmacy<br>Certified Physical<br>Therapist<br>Registered Nurse<br>Surgical Technician                      | Health Careers I, II, & III                   | Health Occupations:<br>Health Careers   | 5282<br>5284<br>5286 |
| Pharmacy<br>Certified Physical<br>Therapist<br>Registered Nurse<br>Surgical Technician                      | Integrated Health Sciences I & II             | Health Occupations:<br>Health Careers   | 5294                 |
| Community Health,<br>Gerontology,<br>Certified Physical<br>Therapist<br>Registered Nurse                    | Introduction to Community<br>Health Services  | Health Occupations:<br>Health Careers   | 5208                 |
| First Responders  | Introduction to Emergency<br>Medical Services | Health Occupations:<br>First Responder  | 5210                 |
| Pharmacy<br>Certified Physical<br>Therapist<br>Registered Nurse<br>Surgical Technician                      | Introduction to Health Care<br>Specialties    | Health Occupations:<br>Health Careers   | 5211                 |
| Pharmacy<br>Certified Physical<br>Therapist<br>Registered Nurse<br>Surgical Technician                      | Introduction to Health Care<br>Systems        | Health Occupations:<br>Health Careers   | 5272                 |
| Health Care<br>Technology<br>Certified Physical<br>Therapist<br>Registered Nurse                            | Introduction to Health Care<br>Technology     | Health Occupations:<br>Health Careers   | 5212                 |
| Medical Assistant<br>Registered Nurse   | Introduction to Medical Assisting             | Health Occupations:<br>Health Careers   | 5213                 |
| Pharmacy  | Introduction to Pharmacy                      | Health Occupations:<br>Pharmacy         | 5214                 |
| Certified Physical<br>Therapist   | Introduction to Physical Therapy              | Health Occupations:<br>Physical Therapy | 5215                 |
| Pharmacy<br>Certified Physical<br>Therapist<br>Registered Nurse<br>Surgical Technician                      | Medical Terminology                           | Health Occupations:<br>Health Careers   | 5274                 |

**MARKETING - 550**

| <b>REQUIRED<br/>OCCUPATIONAL<br/>BACKGROUND</b>  | <b>DOE STATE-APPROVED<br/>COURSE TITLE</b>     | <b>WORKPLACE<br/>SPECIALIST LICENSE<br/>TITLE</b>         | <b>DOE<br/>#</b> |
|--|--|---|------------------|
| Fashion Merchandising  | Fashion Merchandising                          | Marketing: Fashion Merchandising                          | 5962             |
| Entrepreneurship/Business Management   | Entrepreneurship Academy                       | Marketing: Entrepreneurship/Small Business Management     | 5962             |
| Hospitality/Recreation Marketing Operations Lodging and/or Hospitality Management (Hospitality, Travel or Tourism) | Hospitality, Travel and Tourism                | Marketing: Hospitality, Travel and Tourism                | 5982             |
| Hospitality/Recreation Marketing Operations, Other (Sports, Recreation, Entertainment)                             | Sports, Recreation and Entertainment Marketing | Marketing: Sports, Recreation and Entertainment Marketing | 5984             |
| Radio/Television Broadcasting or Telecommunications  | Radio/TV Broadcasting/ Telecommunications      | Marketing: Radio/TV/ Telecommunications                   | 5986             |

**TRADE AND INDUSTRIAL EDUCATION - 800**

| <b>REQUIRED OCCUPATIONAL BACKGROUND</b>                    | <b>DOE STATE-APPROVED COURSE TITLE</b>  | <b>WORKPLACE SPECIALIST LICENSE TITLE</b>                               | <b>DOE #</b> |
|--|---|---|--------------|
| Drafting, animation, computer visualization                | 3D Computer Animation and Visualization | Trade and Industrial Education: 3D Computer Animation and Visualization | 5530         |
| Computer Integrated Manufacturing*PLTW training required   | Computer Integrated Manufacturing       | Computer Integrated Manufacturing*                                      | 5534         |
| Manufacturing, Manufacturing Skills Standard Certification | Advanced Manufacturing                  | Trade and Industrial Education: Manufacturing                           | 5608         |
| Aerospace Engineering<br>*PLTW training required           | Aerospace Engineering Technology        | Trade and Industrial Education: Aerospace Engineering Technology*       | 5518         |
| Aircraft Operations  | Aviation Maintenance Technology         | Trade and Industrial Education: Aviation Maintenance Technology         | 5524         |
| Small Appliance Repair                                     | Appliance Technology                    | Trade and Industrial Education: Appliance Technology                    | 5504         |
| Collision Repairer   | Automotive Collision Repair Technology  | Trade and Industrial Education: Automotive Collision Repair Technology  | 5514         |
| Automotive Service   | Automotive Services Technology          | Trade and Industrial Education: Automotive Services Technology          | 5510         |
| Aviation Maintenance                                       | Aviation Maintenance Technology         | Trade and Industrial Education: Aviation Maintenance Technology         | 5520         |
| Aviation Ground Operations                                 | Aircraft Support Operations             | Trade and Industrial Education: Aviation Support Operations             | 5528         |
| Drafting, Animation, Computer Visualization                | 3D Computer Animation and Visualization | 3D Computer Animation and Visualization                                 | 5530         |
| Barber   | Barbering                               | Trade and Industrial Education: Barbering                               |              |
| Biotechnical Engineering*<br>PLTW training required        | Biotechnical Engineering                | Trade and Industrial Education: Biotechnical Engineering*               | 5648         |

|   |  |  |      |
|---|--|--|------|
| Building Property Maintenance   | Building Facilities and Management                               | Trade and Industrial Education: Building Facilities and Management                               | 5592 |
| Carpenter, Building Trades  | Building Trades Technology                                       | Trade and Industrial Education: Building Trades Technology                                       | 5580 |
| Advertising Design  | Commercial Art and Graphic Design                                | Trade and Industrial Education: Commercial Art and Graphic Design                                | 5550 |
| Photographer  | Commercial Photography   | Trade and Industrial Education: Commercial Photography   | 5570 |
| Computer Installer/Repairer, Cisco Networking A+ Certified Technician | Computer Repair and Maintenance Technology                       | Trade and Industrial Education: Computer Repair and Maintenance Technology                       | 5536 |
| Communications Systems Installer/Repairer                             | Communications   | Trade and Industrial Education: Communications Systems Installer and Repair                      |      |
| Cosmetologist   | Cosmetology  | Trade and Industrial Education: Personal Services: Cosmetology                                   | 5802 |
| Custodial Worker  | Custodial Services   | Custodial Services   |      |
| Diesel Engine Mechanic/Repairer                                       | Diesel Service Technology  | Trade and Industrial Education: Diesel Service Technology  | 5620 |
| Engineering* PLTW required  | Engineering  | Engineering*   |      |
| Furniture Maker   | Cabinet and Furniture Making                                     | Trade and Industrial Education: Cabinet and Furniture Making                                     | 5888 |
| Firefighter   | Fire Science   | Trade and Industrial Education: Fire Science   | 5820 |
| Graphic and Printing Equipment Operators                              | Graphic Imaging Technology                                       | Trade and Industrial Education: Graphic Imaging Technology                                       | 5572 |
| Heating and Air Conditioning Technician, Mechanic or Repairer         | Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) | Trade and Industrial Education: Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) | 5496 |
| Industrial Electronics Installer/Repairer                             | Industrial Repair and Maintenance                                | Trade and Industrial Education: Industrial Repair and Maintenance                                | 5686 |

| <b>REQUIRED<br/>OCCUPATIONAL<br/>BACKGROUND</b>             | <b>D0E STATE-APPROVED<br/>COURSE TITLE</b>   | <b>WORKPLACE<br/>SPECIALIST<br/>LICENSE TITLE</b>                                     |      |
|---|--|---|------|
| Law Enforcement Officer                                     | Law Enforcement                              | Trade and Industrial<br>Education: Law<br>Enforcement                                 | 5822 |
| Machinist   | Precision Machine Technology                 | Trade and Industrial<br>Education: Precision<br>Machine Technology                    | 5782 |
| Computer Aided Design<br>(CAD)                              | Drafting and Computer Aided<br>Design        | Trade and Industrial<br>Education: Drafting and<br>Computer Aided<br>Design           | 5640 |
| Small Engine<br>Mechanic/Repairer                           | Recreational and Portable<br>Power Equipment | Trade and Industrial<br>Education:<br>Recreational and<br>Portable Power<br>Equipment | 5842 |
| Welder  | Welding Technology                           | Trade and Industrial<br>Education: Welding<br>Technology                              | 5776 |
| Tractor and Trailer operators                               | Tractor/Trailer Operation                    | Trade and Industrial<br>Education:<br>Tractor/Trailer<br>Operation                    | 5622 |
| Digital Electronics<br>Technology*PLTW training<br>required | Digital Electronics Technology               | Digital Electronics<br>Technology   |      |
| Civil Architectural<br>Engineering* PLTW training<br>needed | Civil Architectural Engineering              | Civil Architectural<br>Engineering  |      |

There may be other programs, offered in only one or two area vocational districts, not included in this list of Workplace Specialist License Titles. In these cases, arrangements have been made between the Office of Educator Licensing and Development and the Office of Career and Technical Education in the Indiana Department of Education to add new programs to the list on an as needed basis.